

WHAT IS CLAIMED IS:

1. A mobile communication terminal, comprising:
 - a body part;
 - a folder part that folds moves between a first and a second position relative to the body part; and
 - a camera, wherein the camera protrudes from the mobile communication terminal when the folder part is in the first position and wherein the camera is inserted within the mobile communication terminal when the folder part is in the second position.
2. The mobile communication terminal of claim 1, further comprising:
 - a camera installing part that installs said camera in the mobile communication terminal wherein the camera protrudes out of the camera installing part when the folder part is unfolded away from the body part, and the camera is inserted into the camera installing part when the folder part is folded toward the body part.
3. The mobile communication terminal of claim 1, wherein the camera installing part is formed in a hinge part formed where the body part and the folder part meet.

4. The mobile communication terminal of claim 3, wherein the hinge part comprises a folder hinge part and a body hinge part.

5. The mobile communication terminal of claim 3, further comprising a camera case formed next to the hinge part.

6. The mobile communication terminal of claim 1, wherein the camera comprises:

a camera module having a lens and an electronic circuit inserted therein; and

a camera shaft coupled with the camera module, wherein the camera module moves when the folder part moves.

7. The mobile communication terminal of claim 6, wherein the camera module is coupled with the camera shaft and the camera module rotates about the camera shaft.

8. The mobile communication terminal of claim 6, wherein an outer diameter of the camera shaft is smaller than that an inner diameter of the camera module.

9. The mobile communication terminal of claim 6, further comprising:
a hooking sill formed at one end of the camera shaft;

a snap ring locking groove formed inside the hooking sill on the camera shaft;

an end sill having a diameter smaller than the hooking sill formed on one end of the camera module; and

a snap ring coupled with the snap ring locking groove so that the camera shaft fitted in the camera module is not released easily from the camera module.

10. The mobile communication terminal of claim 6, wherein a plurality of snap recesses is formed at a side end of the camera module, wherein a plurality of snap protrusions is formed on a snap ring adjacent to the camera module, and wherein the snap recesses are locked in the snap protrusions.

11. The mobile communication terminal of claim 6, further comprising:
a driving pin formed at the hinge part to protrude inward; and
a guide groove formed at a circumference of the camera shaft to lock the driving pin therein, wherein the driving pin is coupled with the guide groove to move the camera shaft when the folder part is moved in reference from the body part.

12. The mobile communication terminal of claim 6, further comprising:
a hinge part formed where the body part and the folder part meet;

a hook having both sides bisected formed at an end of the camera shaft; and
a hooking ring sill formed on an inner circumference of the hinge part to
protrude inward, wherein the hook is interlocked with the hooking ring sill.

13. The mobile communication terminal of claim 6, further comprising:
a hinge part formed where the body part and the folder part meet;
a straight guide groove formed at one side of the camera shaft in a shaft
length direction; and
a straight sliding rib is formed on an inner circumference of the hinge part,
wherein the sliding rib is locked in the guide groove to guide the camera shaft.

14. The mobile communication terminal of claim 6, further comprising:
a hinge part formed where the body part and the folder part meet;
a straight sliding rib formed at one side of the camera shaft in a shaft length
direction; and
a straight guide groove formed on an inner circumference of the hinge part,
wherein the sliding rib is locked in the guide groove to guide the camera shaft.

15. The mobile communication terminal of claim 6, further comprising:
a hinge part formed where the body part and the folder part meet;

a pair of driving pins formed at the hinge part; and
a pair of guide grooves formed on the camera shaft.

16. The mobile communication terminal of claim 6, further comprising a camera case formed next to the hinge part.

17. The mobile communication terminal of claim 1, wherein the camera selectively protrudes when the folder part is in the first position according to a user action.

18. A mobile communication terminal, comprising:
a first body part;
a second body part;
a hinge part connecting the first body part and the second body part;
a camera holder enclosed in the hinge part; and
a camera in the camera holder, wherein when the first body part and the second body part are at a first predetermined angle relative to one another, the camera protrudes from the camera holder, and wherein when the first body part and the second body part are at a second predetermined angle relative to one another, the camera is embedded within the camera holder.

19. The mobile communication terminal of claim 18, wherein the camera comprises a camera lens, and wherein the camera lens is within the camera holder when the first body part and the second body part are at the second predetermined angle, and wherein the camera comprises a camera lens, and wherein the camera lens is outside of the camera holder when the first body part and the second body part are at the first predetermined angle.

20. The mobile communication terminal of claim 18, wherein the first predetermined angle is greater than the second predetermined angle.

21. The mobile communication terminal of claim 18, wherein when the rotating camera holder rotates from the second predetermined angle to the first predetermined angle, the camera selectively protrudes from inside the camera holder to outside the camera holder according to a user operation.

22. A hinge camera, comprising:

a first part;

a second part;

a hinge connecting the first part and the second part;

a camera holder in the hinge; and

a camera in the camera holder, wherein the camera includes a camera lens, and wherein the camera lens is enclosed in the camera holder at a first predetermined angle and is exposed from the camera holder at a second predetermined angle.

23. The hinge camera of claim 22, further comprising:
an electronic circuit in the rotating camera holder;
a driving pin formed in the hinge part that protrudes inward; and
a guide groove formed in the hinge part, wherein the guide groove locks the driving pin therein, and wherein the driving pin coupled with the guide groove forces the camera lens to be exposed from or enclosed in the camera holder when the angle between the first part and the second part changes, wherein the first part and the second part are respectively a folder part and a body part of a mobile communication terminal.

2.4 A method of operating a mobile communication terminal, comprising:
providing a body part;
rotatably coupling a folder part to the body part to move between an open and a closed position; and
retractably extending a camera outside the mobile communication terminal as the folder moves to the open position.